

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Presently amended) A flow restrictor for a medical aspiration system with a tube having an inner diameter between 1.5 and 2.5 millimeters comprising:

a filter housing coupled to the tube;

a flow restrictor ~~that is~~ coupled to said filter housing; the flow restrictor having an orifice having a fixed ~~and has a~~ diameter between 0.1 and 1.0 millimeters to create a non-linear relationship between a fluid pressure and a fluid flowrate for a range of fluid pressures; and,

a filter located within said filter housing upstream from said flow restrictor.

2. (Cancelled)

3. (Original) The flow restrictor of claim 1, wherein said flow restrictor is located within an output luer attached to said filter housing.

4. (Presently amended) The flow restrictor of claim 3, wherein the diameter of the orifice is determined by an inner diameter of a scaling insert disposed within said output luer ~~includes a scaling insert~~.

5. (Presently amended) An aspiration tube assembly for a medical system comprising:

an input tube having an inner diameter between 1.5 and 2.5 millimeters;

a filter housing coupled to said input tube;

a filter located within said filter housing; and,

a flow restrictor ~~that is~~ coupled to said filter housing and ~~has~~ having an orifice having a fixed ~~an~~ inner diameter selected from the range of ~~between~~ 0.1 to 1.0 millimeters to

create a non-linear relationship between a fluid pressure and a fluid flow rate for a range of fluid pressures.

6-15. (Cancelled)

16. (Presently amended) A flow restrictor for a medical aspiration system with a tube having an inner diameter between 1.5 and 2.5 millimeters, comprising:

a filter housing coupled to the tube;

filter means for filtering a flow of fluid through said filter housing; and,

flow restrictor means, downstream from said filter means, for restricting the flow of fluid through said filter housing and creating a non-linear relationship between a fluid pressure and a fluid flowrate for a range of fluid pressures, the flow restrictor means having a fixed diameter orifice.

17. (Cancelled)

18. (Original) The flow restrictor of claim 16, wherein said flow restrictor means includes and output luer attached to said filter housing.

19. (Presently amended) The flow restrictor of claim 18, wherein said output luer includes a scaling insert having a fixed inner diameter.

20. (Presently amended) An aspiration tube assembly for a medical system, comprising:

an input tube having an inner diameter between 1.5 and 2.5 millimeters;

a filter housing coupled to said input tube;

filter means for filtering a flow of fluid through said filter housing;

input means for coupling said input tube to said filter means; and

flow restrictor means, downstream from said filter means, for restricting the flow of fluid through said filter housing and creating an non-linear relationship between a fluid

pressure and a fluid flowrate for a range of fluid pressures, the flow restrictor means having a fixed diameter orifice.

21. (Original) The aspiration tube assembly of claim 20, wherein said input means includes an input luer that is pressed into said filter means.

22. (Original) The aspiration tube assembly of claim 20, wherein said filter means includes a filter that is pressed into said filter housing.

23. (Cancelled)

24. (Original) The aspiration tube assembly of claim 20, wherein said flow restrictor means includes an output luer attached to said filter housing.

25. (Presently amended) The aspiration tube assembly of claim 24, wherein said output luer includes a scaling insert having a fixed inner diameter.

26-28. (Cancelled)